Bobbi Lindberg
(b) (6)

05/29/2012 05:30 PM

To BOLING Brian
cc DOUGLAS JAE P, Elizabeth Allen, Alan Henning, BISHOP Karen, PETTIT Greg
bcc
Subject Re: Pesticide sampling results

Brian,

I agree recovery rates might have been higher if the QC samples had been in the spiked water for a longer period of time. However, our samplers did not sit in the same water for 28-30 days or even for 16 hours, because the water was moving downstream and being replaced by other water that may or may not have had the same concentration of the analytes. The samplers may have picked up all the analytes during one day, or small amounts over 28-30 days. As you know, that is a limitation of the POCIS and prevents determination of an actual concentration of the analytes in the water.

Bobbi

On Tue, May 29, 2012 at 1:46 PM, BOLING Brian <BOLING.Brian@deq.state.or.us> wrote:

Bobbi,

I would like to clarify that the low recoveries are for QC samples that had only been in the Spiked DI water for 16 hours. This may have been higher if they had been left for the full 30 days that the samples sat in the water.

Brian Boling

Oregon DEQ Laboratory

Organic Laboratory Manager

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"One thing is sure. We have to do something. We have to do the best we know how at the moment...; if it doesn't turn out right, we can modify it as we go along.". -Franklin D. Roosevelt

From: Bobbi Lindberg [mailto(b) (6)
Sent: Tuesday, May 29, 2012 1:33 PM

To: DOUGLAS JAE P; Allen.Elizabeth@epamail.epa.gov
Cc: henning.alan@epamail.epa.gov; BISHOP Karen; BOLING Brian
Subject: Pesticide sampling results

Attached please find two reports of pesticide sampling results from Anatek Laboratories. The first is the report from the original samples submitted to Anatek last fall. As you can see from the report, there was some damage to the samples during shipping, but the lab was able to recover much of the samples. The second report is for the two duplicate samples which were analyzed last week, and which were not damaged during shipping. The amounts found in the duplicate samples were significantly higher than those found in the originals, most likely reflecting the damage to the original samples.

Please also note that the quality assurance testing done by Anatek indicated a recovery rate of 5.6% for atrazine, 12% for desethyl atrazine (DEA) and 15% for hexazinone, suggesting that the amounts found in the POCIS represent only a portion of what was actually present in the water that passed through the POCIS.

We plan to release these results to the public in the near future.

Bobbi Lindberg, on behalf of Siuslaw Watershed Guardians